

# UNIVERSITY OF MISSOURI-ST. LOUIS

## GENERAL INFORMATION

### About the Institution

- UM-St. Louis, one of four campuses of the University of Missouri system, was founded in 1963 as a metropolitan land grant institution. It is located on a 250-acre suburban campus in northwest St. Louis County and has residence centers in St. Charles County and Jefferson County. UM-St. Louis has a curriculum of 43 undergraduate degree programs, 25 master's programs, 10 doctoral programs, one professional program, and 11 certificate programs. Of these programs, seven are pre-professional and six are intra-divisional.

Source: University of Missouri-St. Louis (<http://www.umsl.edu>)

- Enrollment\* **15,880** (13,187 undergraduates)

White	78.7%
African American	11.9%
American Indian	0.2%
Asian	2.7%
Hispanic	1.1%
Other	5.4%
Missouri residents	93% (undergraduates)
Male	38.4%
Female	61.6%

\*Fall 1998 Headcount

Source: Missouri Department of Higher Education (<http://www.mocbhe.gov/acadafrs/stats>)

Tables 8.1, 8.2, 21.1 & 21.2

- Entrance Requirements

Selection of students for regular admission is based on high school class rank, performance on a standardized college aptitude test, and high school credits (at least 17 units are required). Freshman applicants must have their high school submit an official transcript showing course work, final class rank, and ACT or SAT scores.

Source: University of Missouri-St. Louis Web Site

- Average ACT Score<sup>1</sup> 1993 Freshmen Class\* **22.1**

\*Fall 1993 Degree-seeking, ACT-Tested First-time Freshman, 1993-1994 Statistical Summary of Missouri Higher Education, Missouri Coordinating Board for Higher Education (Tables 1.1 & 1.2)

- Tuition & Fees, Typical Full-time Undergraduate Student\*

<u>Missouri Resident</u>	<u>Non-resident</u>
\$4,636.20	\$12,304.20

\*1998-99 academic year

Source: Missouri Department of Higher Education (<http://www.mocbhe.gov/acadafrs/stats>)

Table 3.1

## About the Education Program

- The School of Education is one of 10 academics units at UM-St. Louis. At the undergraduate level, the School of Education offers the bachelor of science in education degree. The school also has an extensive post-baccalaureate teacher certification program. At the graduate level, the school offers the master of education, doctor of education, and doctor of philosophy in education degrees.

Source: University of Missouri-St. Louis Web Site

### Enrollment in Undergraduate Professional Education Programs\* 689

White	90.5%
African American	5.5%
American Indian	0%
Asian	.87%
Hispanic	.58%
Other	3.7%
Missouri residents	not yet available
Male	26%
Female	75%

\*Fall 1997 Headcount (full-time students)

Source: Institution AACTE/NCATE Report, Oct. 1, 1998

### Education Program Entrance Requirements

Prospective students must

- submit qualifying scores on the C-BASE
- score either 20 on the ACT composite or 800 on the SAT
- complete 60 hours of college or university courses
- accumulate a grade point average of 2.5 or better
- complete EDUC 101 and ED FND 111 with a grade of C or better
- receive screening tests in hearing and vision
- agree to adhere to ethical codes that have particular pertinence during clinical experiences
- agree to subscribe to a standard of pre-professional behavior that will enhance greater self-awareness
- submitted a notarized Affidavit of Moral Character that includes a criminal check and child abuse/neglect screening

Source: University of Missouri-St. Louis 1998-99 Undergraduate, Graduate and Professional Catalog

### Information about Education Program Completers<sup>2</sup>

#### Recommended for initial Missouri certification in 1997 452

Age	
Under 25	33.63%
25-34	44.47%
35-44	15.93%
45-54	5.75%
55 and over	.22%

Source: Missouri Department of Elementary and Secondary Education

#### Average ACT score<sup>3</sup> (for initial Missouri certification in 1997) 21.3

Source: ACT Inc. Research Services (scores since 1989 only)

#### C-BASE scores<sup>4</sup>

Passed all five subjects *first time*

Test	Passed all Subjects	English			Writing			Math			Science			Social St.		
300	222	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
		237	468	323	237	432	323	235	480	331	236	473	319	235	455	329

Passed all five subjects, *one or more attempts* through December 1997

Test	Passed all Subjects	English (314)*			Writing (318)*			Math (319)*			Science (308)*			Social St. (309)*		
263	259	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn	Min	Max	Medn
		237	453	312	236	432	321	237	472	320	238	460	315	236	462	304

\*state median score

Source: Assessment Resource Center

Employed in Missouri public schools<sup>5</sup> in 1997-98\*

263 (58%)

Missouri public school districts employing University of Missouri-St. Louis  
1997 program completers 52

Major employers of University of Missouri-St. Louis 1997 program completers

Meramec Valley R-III	5	Northwest R-I	11
St Clair R-XIII	5	Mehlville R-IX	11
Riverview Gardens	5	Pattonville R-IX	12
St. Charles R-VI	6	Rockwood R-VI	12
Normandy	7	Parkway C-6	13
Hillsboro R-III	8	Hazelwood	15
Wentzville R-IV	8	Ft Zumwalt R-II	16
Francis Howell R-III	9	Special School District,	
Ritneour	9	St Louis County	18
St Louis City	9	Ferguson Florissant R-II	19
Fox C-6	10		

\*Does not include individuals employed in public schools in another state, employed in private schools in Missouri or another state, or who received their teaching credentials but were employed in another field or unemployed

Source: Missouri Department of Elementary and Secondary Education

## RESOURCES

### Institution

- Full-time Faculty at UMSL

492

Source: 1997-1998 Statistical of Summary of Missouri Higher Education; Missouri Coordinating Board for Higher Education (Tables 36.1 & 36.2)

### Education Program

- Full-time Education Program Faculty

44

White	37
African American	5
American Indian	1
Asian	1
Hispanic	0
Other	0
Male	23
Female	21
Doctorate Degree	not yet available

Missouri Teaching Certificate      *not yet available*

National Board Certification      0

- Adjunct Education Program Faculty      112
  - Full-time with the institution, part-time in education      30
  - Part-time in education      82

*Source: Institution AACTE/NCATE Report, Oct. 1, 1998*

## EDUCATION PROCESSES

### Institution

- Student-to-Faculty Ratio\*      *not yet available*
- Average Class Size\*      *not yet available*

*\*undergraduate program*

### Education Program

- Student-to-Faculty Ratio      *not yet available*
- Average Class Size      25
- Practical Experience Requirements for Education Majors

The foundations of teacher education are provided through education courses 101 and 213. These courses are required of all education students and are taken early in the program. Through the field experience provided by these courses, students receive exposure to diverse populations and different grade levels. The conceptual framework stresses teachers as lifelong, critical, and reflective learners and inculcates the practice of having candidates critique and reflect upon their teaching.

Elementary education, early childhood and special education student teaching is on a 7-1-7 structure. The experience is scheduled for seven weeks at one location and seven at another. The placements are in different socio-economic populations and grade levels. The candidates have one week between the two placements to continue updating their portfolios.

At the advanced levels, field experiences are developed on an individual basis, depending upon the experience of the candidate.

*Source: Board of Examiners Report, NCATE, 1998*

- Developmental School

Teacher preparation course work may be taken in a more traditional, campus-based program or through several school-based professional development school (PDS) sites. For those who choose the PDS options, a wide variety of courses may be taken at one or more partner schools. Classes at professional development schools feature smaller class size, authentic learning in schools, and the opportunity to work with practicing teachers and share responsibility for teaching and learning. Participants will be designated as "professional development school graduates" in formal citations from the dean of the School of Education and will have this noted in their placement papers.

Several PDS sites are in the development phase. Current UM-St. Louis partnerships include Parkway Central Middle School, Parkway School District; Chaney Elementary School, Maplewood-Richmond Heights School District; Pierre Laclède Elementary School, St. Louis School District; and River Bend Elementary School, Parkway School District. Goals of the model programs are to maximize student performance and achievement; provide professional development for beginning and experienced teachers and other school-based educators; apply inquiry designed to improve practice; provide simultaneous renewal of schools and teacher education; and incorporate the best available knowledge into programs and practices.

*Source: University of Missouri-St. Louis Web Site*

- Co-curricular Programs    *not yet available*
- Accredited, NCATE (National Council for Accreditation of Teacher Education)

*Source: National Council for Accreditation of Teacher Education Web Site*

## PERFORMANCE

- Missouri certificates\* issued in 1997 to UMSL education program completers, by subject area and grade level

Subject Area	Grade Level	Recommended for Certification
Biology	7-12	11
Business Education Except Shorthand	5-12	1
Business Education Except Shorthand	7-12	14
Chemistry	7-12	3
Early Child Special	P-K	1
Early Childhood Education	Pk-3	27
Elementary Education	1-6	2
Elementary Education	1-8	250
English	7-12	32
French	K-12	4
French	K-9	1
General Science	4-8	23
General Science	7-9	2
German	K-12	2
Instrumental Music	K-12	4
Language Arts	4-8	112
Language Arts	4-9	1
Mathematics	4-8	17
Mathematics	4-9	3
Mathematics	5-12	1
Mathematics	7-12	13
Middle School Education	4-8	18
Middle School Education	4-9	4
Mild/Moderate Behavior Disorder	K-12	22
Mild/Moderate Learning Disability	K-12	42
Mild/Moderate Mental Handicapped	K-12	10
Music - Instrumental	K-12	1
Physical Education	7-12	11
Physical Education	K-12	9
Physical Education	K-9	3
Physics	7-12	2
Social Studies	4-8	187
Social Studies	4-9	4
Social Studies	7-12	26
Spanish	K-12	9
Spanish	K-9	1
Speech and Theatre	7-12	3
Vocal Music	K-12	3
Total		879

*\*Number of certificates issued, not number of graduates*

*Source: Missouri Department of Elementary and Secondary Education*

- Performance of Program Completers on National Teachers Exam\*

Test Window 10-1-96 to 9-30-97		Qualifying	Total		Number	
Subject Area	Score	Group	Mean	Passing	Pass Rate	
Biology	480	10	708	10	100.0%	
Business Education	550	13	662	12	92.3%	
Chemistry	440	2	570	2	100.0%	
Early Childhood Education	500	27	673	26	96.3%	
Education in the Elementary School	520	162	644	161	99.4%	
English Language and Literature	500	33	615	31	93.9%	
French	500	6	643	6	100.0%	
German	450	4	600	4	100.0%	
Home Economics Education	560	1	670	1	100.0%	
Mathematics	550	13	658	13	100.0%	
Music Education	510	8	595	7	87.5%	
Physical Education	530	17	631	17	100.0%	
Physics	440	2	575	2	100.0%	
Professional Knowledge	638	24	668	24	100.0%	
Social Studies	500	40	627	40	100.0%	
Spanish	490	6	618	6	100.0%	
Special Education	490	84	613	82	97.6%	
Speech Communication	530	2	635	2	100.0%	
Total		454		446	98.2%	

\*Represents number of individuals who took the NTE during the test window but may not include all those recommended for certification

Source: Educational Testing Service

- Follow-up on UMSL Program Completers

Education program completers who received initial Missouri certification in 1992

**393**

*Employed in Missouri public schools in*

1993-94	212 (54%)
1994-95	229 (58%)
1995-96	221 (56%)
1996-97	224 (57%)
1997-98	226 (58%)

*Employed in Missouri public schools in 1997-98, with master's degree*

69 (18%)

*Employed in the same Missouri public school district in*

1993-94	212 (54%)
1993-95	179 (46%)
1993-96	162 (41%)
1993-97	147 (37%)
1993-98	136 (35%)

*Certification Status as of Sept. 1, 1998*

Holding Valid PC I	23 (6%)
Holding Valid PC II	261 (66%)
Lapsed <sup>6</sup>	109 (28%)

Source: Missouri Department of Elementary and Secondary Education

## Major Employers<sup>7</sup>

### Missouri school districts employing UMSL graduates\* 198

University of Missouri-St. Louis had 6,204 graduates teaching in Missouri public schools during the 1997-98 school year.

School districts employing 6 percent or more of University of Missouri-St. Louis' 6,204 graduates teaching in Missouri public schools during the 1997-98 school year

Francis Howell R-III	6.07%	(377)
Parkway C-2	6.27%	(389)
Hazelwood	6.94%	(431)
St Louis City	9.52%	(591)
Special School District, St Louis County	9.88%	(613)

### School districts where UM-St. Louis graduates make up 25-49 percent of faculty

Strain-Japan R-XVI	Northwest R-I	Spring Bluff - XV
Hancock Place	Afton 101	Hazelwood
Fox C-6	Francis Howell R-III	Ferguson Florissant R-II
St Charles R-VI	Pattonville R-III	Ritenour
Parkway C-2	Maplewood Richmond Heights	Riverview Gardens
Mehlville R-IX	Ft Zumwalt R-II	Normandy
Kirkwood R-VII	Special School District,	Wentzville R-IV
Meramec Valley R-III	St Louis County	
Valley Park	Jennings	

*\*Includes all graduates of UMSL teaching in the district, not just those who completed the education program*

*Source: Missouri Department of Elementary and Secondary Education*